

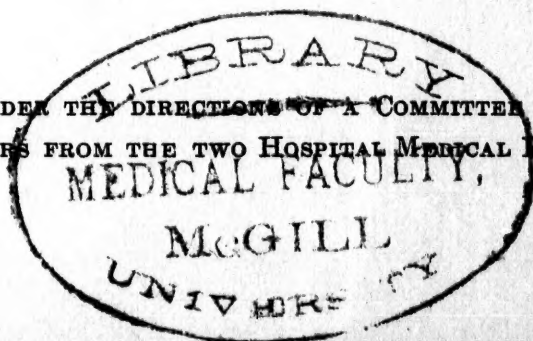
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THE PHARMACOPŒIA
OF THE
MONTREAL GENERAL HOSPITAL
AND THE
ROYAL VICTORIA HOSPITAL

INCLUDING

Directions for the Sterilization of Surgical Instruments
and Appliances,
and the preparation of Surgical Dressings.

COMPILED UNDER THE DIRECTIONS OF A COMMITTEE COMPOSED
OF MEMBERS FROM THE TWO HOSPITAL MEDICAL BOARDS.



THE PHARMACOPŒIA

OF THE

MONTREAL GENERAL HOSPITAL

1857

ROYAL VICTORIA HOSPITAL

1858

ROYAL VICTORIA HOSPITAL

1859

ROYAL VICTORIA HOSPITAL

1860

ROYAL VICTORIA HOSPITAL

1861

1862

**Preparations
for General Use**

In

In

In

In

Li

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INJECTIONES.

Injectio Potassii Permanganatis Fortis (1-1000)

℞	Potassii Permanaganatis . . .	gr. ss.	 0.03	
	Aquæ	℥ i.	 30.00—M.	

Injectio Protargol (1-100)

℞	Protargol	gr. v.	 0.30	
	Aquæ	℥ i.	 30.00—M.	

Injectio Zinci Chloridi (1-1000)

℞	Zinci Chloridi	gr. ss.	 0.03	
	Aquæ	℥ i.	 30.00—M.	

Injectio Zinci Sulphatis (1-500)

℞	Zinci Sulphatis	gr. i.	 0.060	
	Aquæ	℥ i.	 30.00—M.	

LINCTUS.

Linctus Codeinæ

℞	Codeinæ Phosphatis	gr. $\frac{1}{8}$	 0.008	
	Glycerini	m. xv.	 1.00	
	Spiritus Chloroformi	m. ii.	 0.13	
	Aquæ	ad ℥ i.	 4.00—M.	

Linctus Heroïnæ

℞	Heroïnæ Hydrochloridi	gr. $\frac{1}{12}$	 0.005	
	Acidi Phosphorici diluti	m. ii.	 0.13	
	Syrupi Simplicis	℥ ss.	 2.00	
	Aquæ	ad ℥ i.	 4.00—M.	

Linctus Morphinæ cum Acido Hydrocyanico

R̄	Liquoris Morphinæ Acetatis	m. iii.	....	0.20	
	Acidi Hydrocyanici diluti	m. iss.	....	0.10	
	Spiritus Chloroformi	m. iss.	....	0.10	
	Syrupi Limonis	℥ ss.	....	2.00	
	Aquæ	ad ℥ i.	....	4.00—M.	

LINIMENTA.

Linimentum Belladonnæ et Chloroformi

R̄	Linimenti Belladonnæ	℥ iii.	....	12.00	
	Chloroformi	℥ i.	....	4.00	
	Linimenti Saponis	ad ℥ i.	....	30.00—M.	

Linimentum Commune.

R̄	Olei Terebenthinæ	℥ iss.	....	6.00	
	Liquoris Ammoniæ Fortis	m. xlv.	....	3.00	
	Saponis Mollis	gr. xlv.	....	3.00	
	Alcohol	m. xlv.	....	3.00	
	Aquæ	ad ℥ i.	....	30.00—M.	

Linimentum Acidi Salicylici.

R̄	Acidi Salicylici	gr. xv.	....	1.00	
	Spiritus Rectificati	℥ iiss.	....	10.00	
	Olei Ricini	ad ℥ i.	....	30.00—M	

LOTIONES.

Lotio Plumbi (1-50).

R̄	Liquoris Plumbi Subacetatis	m. x.	....	0.60	
	Aquæ	ad ℥ i.	....	30.00—M.	

Lotio Plumbi Evaporans (1-25)

R̄	Liquoris Plumbi Subacetatis	m. xx.	....	1.25	
	Alcohol	℥ ii.	....	7.50	
	Aquæ	ad ℥ i.	....	30.00—M.	

Lotio Plumbi (2%) cum Opio (1%).

R̄	Liquoris Plumbi Subacetatis	m. x.	....	0.60	
	Tincturæ Opii.....	m. v.	....	0.30	
	Aquæ.....	ad 3i.	....	30.00	—M.

Lotio Rubra (1-250).

R̄	Zinci Sulphatis.....	gr. ii.	....	0.13	
	Tincturæ Lavandulæ Com-				
	positæ.....	m. x.	....	2.00	
	Aquæ.....	ad 3 i.	....	30.00	—M.

Lotio Thiersch.

R̄	Acidi Salicylici.....	gr. i.	....	0.06	
	Acidi Borici.....	gr. ii.	....	0.13	
	Aquæ.....	ad 3 i.	....	30.00	—M.

Lotio "Wright."

R̄	Sodii Citratis.....	gr. v.	....	0.30	
	Sodii Chloridi.....	gr. xx.	....	1.20	
	Aquæ.....	ad 3 i.	....	30.00	—M.

MISTURÆ.

Mistura Acidi Hydrochlorici.

R̄	Acidi Hydrochlorici Diluti..	m. xv.	....	1.00	
	Liquoris Strychninæ.....	m. iiss.	....	0.16	
	Tincturæ Gentianæ Com-				
	positæ.....	3 ss.	....	2.00	
	Aquæ Chloroformi.....	ad 3 ii.	....	7.50	—M.

Mistura Acida Opiata.

R̄	Acidi Sulphuric Aromatici..	m. x.	....	0.65	
	Tincturæ Opii.....	m. v.	....	0.32	
	Tincturæ Cardamomi Com-				
	positæ.....	m. xv.	....	1.00	
	Spiritus Chloroformi.....	m. x.	....	0.65	
	Aquæ.....	ad 3 ii.	....	7.50	—M.

Mistura Acidi Phosphorici Composita.

R̄	Liquoris Strychininæ.....	m. ii.	....	0.13	
	Acidi Phosphorici Diluti....	m. xv.	....	1.00	
	Tincturæ Cardamomi Compositæ.....	m. x.	....	0.60	
	Aquæ.....	ad 3 ii.	....	7.50—M.	

Mistura Alba.

R̄	Magnesii Carbonatis.....	gr. vii.	....	0.5	
	Magnesii Sulphatis.....	3 i.	....	4.00	
	Aquæ Menthæ Piperitæ..	ad 3 ii.	....	7.50—M.	

Mistura Ammonii Chloridi.

R̄	Ammonii Chloridi.....	gr. v.	....	0.32	
	Tincturæ Camphoræ Comp..	m. xv.	....	1.00	
	Spiritus Chloroformi.....	m. x.	....	0.65	
	Syrupi Tolutani.....	m. xx.	....	1.32	
	Aquæ.....	ad 3 ii.	....	7.50—M.	

Mistura Bismuthi Composita.

R̄	Bismuthi Carbonatis.....	gr. x.	....	0.65	
	Cretæ Preparatæ.....	gr. x.	....	0.65	
	Tincturæ Opii.....	m. v.	....	0.32	
	Tincturæ Lavandulæ Compositæ.....	m. xv.	....	1.00	
	Pulveris Tragacanthæ Compositæ.....	gr. iii.	....	0.20	
	Aquæ Cinnamomi.....	ad 3 ii.	....	7.50—M.	

Mistura Bismuthi cum Acido Hydrocyanico.

R̄	Bismuthi Subnitratis.....	gr. x.	....	0.65	
	Acidi Hydrocyanici Diluti..	m. iii.	....	0.20	
	Infusi Calumbæ.....	ad 3 ii.	....	7.50—M.	

Mistura Bromidorum.

R̄	Potassii Bromidi			
	Sodii Bromidi			
	Ammonii Bromidi.....aa	gr. x.	....	0.65
	Syrupi Aurantii.....	m. xx.	....	1.20
	Aquæ.....ad	3 ii.	....	7.50—M.

Mistura Bromidorum Composita.

R̄	Potassii Bromidi			
	Ammonii Bromidi			
	Sodii Bromidi.....aa	gr. x.	....	0.65
	Sodii Benzoatis.....	gr. v.	....	0.32
	Liquoris Arsenicalis.....	m. ii.	....	0.12
	Aquæ.....ad	3 ii.	....	7.50—M.

Mistura Ferri Acetatis.

R̄	Tincturæ Ferri Perchloridi..	m. x.	....	0.65
	Liquoris Ammonii Acetatis..	3 i.	....	4.00
	Acidi Acetici Diluti.....	m. xv.	....	1.00
	Syrupi Limonis.....	m. xv.	....	1.00
	Glycerini.....	m. x.	....	0.65
	Aquæ.....ad	3 ii.	....	7.50—M.

Mistura Ferri Aperiens.

R̄	Magnesii Sulphatis.....	gr. xxx.	....	2.00
	Ferri Sulphatis.....	gr. i.	....	0.065
	Acidi Sulphurici Diluti.....	m. v.	....	0.32
	Tincturæ Calumbæ.....	m. x.	....	0.65
	Aquæ Menthæ Piperitæ..ad	3 ii.	....	7.50—M.

Mistura Ferri et Nucis Vomicae.

R̄	Ferri et Ammonii Citratis...	gr. v.	....	0.32
	Tincturæ Nucis Vomicae...	m. x.	....	0.65
	Spiritus Chloroformi.....	m. x.	....	0.65
	Aquæ.....ad	3 ii.	....	7.50—M.

Mistura Ferri et Quininæ Citratis.

R̄ Ferri et Quininæ Citratis...	gr. v.	....	0.32	
Spiritus Chloroformi.....	m. x.	....	0.65	
Aquæ.....	ad 3 ii.	....	7.50—M.	

Mistura Ferri et Quininæ Sulphatis.

R̄ Ferri Sulphatis				
Quininæ Sulphatis.....	aa gr. i.	....	0.065	
Acidi Sulphurici Diluti.....	m. iii.	....	0.20	
Tincturæ Nucis Vomicae....	m. viiss.	....	0.50	
Syrupi Zingiberis.....	m. xx.	....	1.32	
Aquæ.....	ad 3 ii.	....	7.50—M.	

Mistura Ferri Glycerinata.

R̄ Tincturæ Ferri Perchloridi..	m. x.	....	0.65	
Glycerini.....	3 ss.	....	2.00	
Aquæ.....	ad 3 ii.	....	7.50—M.	

Mistura Ferri Maltata Composita.

R̄ Ferri et Ammonii Citratis...	gr. v.	....	0.32	
Tincturæ Nucis Vomicae....	m. v.	....	0.32	
Vini Malti.....	m. xxx.	....	2.00	
Aquæ.....	ad 3 ii.	....	7.50—M.	

Mistura Ferri Perchloridi.

R̄ Tincturæ Ferri Perchloridi..	m. x.	....	0.65	
Acidi Phosphorici Diluti....	m. x.	....	0.65	
Syrupi Limonis.....	3 ss.	....	2.00	
Aquæ.....	ad 3 ii.	....	7.50—M.	

Mistura Ferri et Potassii Chloratis.

R̄ Tincturæ Ferri Perchloridi..	m. xv.	....	1.00	
Potassii Chloratis.....	gr. v.	....	0.32	
Glycerini.....	m. x.	....	0.65	
Syrupi Limonis.....	m. xx.	....	1.00	
Aquæ.....	ad 3 ii.	....	7.50—M.	

Mistura Gentianæ et Nucis Vomicae Alkalina.

R̄ Sodii Bicarbonatis.....	gr.v.	....	0.32
Tincturæ Gentianæ Compo-			
sitæ.....	m. x.	....	0.65
Tincturæ Nucis Vomicae....	m. viiiss.	....	0.50
Aquæ Menthæ Piperitæ..ad	3 ii.	....	7.50—M.

Mistura Hydrargyri Biniodidi.

R̄ Potassii Iodidi.....	gr. v.	....	0.32
Hydrargyri Perchloridi....	gr. 1½	....	0.005
Tincturæ Calumbæ.....	m. x.	....	0.65
Aquæ.....ad	3 ii.	....	7.50—M.

Mistura Nitro-muriatica.

R̄ Acidi Nitro-hydrochlorici Di-			
luti.....	m. x.	....	0.65
Tincturæ Nucis Vomicae....	m. viiiss.	....	0.50
Aquæ.....ad	3 ii.	....	7.50—M.

Mistura Olei Morrhuæ.

R̄ Olei Morrhuæ.....	3i	....	4.00
Pulveris Tragacanthæ Com-			
positæ.....	gr. iv	....	0.25
Olei Cinnamoni.....	q. s		
Aquæ.....ad.	3 ii	....	7.50

Mistura Olei Morrhuæ cum Creosoto.

R̄ Creosoti.....	gtt. i.	....	0.065
Misturæ Olei Morrhuæ....ad	3 ii	....	7.50—M.

Mistura Pectoralis Acuta.

R̄ Antimonii Tartarati.	gr. 3½	....	0.002
Potassii Citratis.....	gr. xv	....	1.00
Vini Ipecacuanhae.....	m. x.	....	0.65
Tincturæ Camphoræ Com-			
positæ.....	m. xv.	....	1.00
Syrupi Tolutani.....	m. xx.	....	1.32
Aquæ.....ad	3 ii	....	7.50..M.

Mistura Pectoralis Chronica.

R Potassii Citratis.....	gr. xv.	....	1.00
Tincturæ Camphoræ Com-			
sitæ.....	m. xx.	....	1.32
Aceti Scillæ.....	m. xx.	....	1.32
Syrupi Tolutani.....	m. xx.	....	1.32
Aquæ.....ad	3 ii	....	7.50—M.

Mistura Potassii Bromidi et Chloral Hydratis.

R Potassii Bromidi.....	gr. xv.	....	1.00
Chloral Hydratis.....	gr. v.	....	0.32
Tincturæ Belladonnæ.....	m. ii.	....	0.13
Aquæ.....ad	3 ii	....	7.50—M.

Mistura Potassii et Hyoscyami.

R Potassii Citratis.....	gr. xx.	....	1.32
Potassii Bicarbonatis.....	gr. x	....	0.65
Tinctura Hyoscyami.....	3 ss.	....	2.00
Aquæ Menthæ Piperitæ...ad	3 ii	....	7.50

Mistura Potassii Iodidi Alkalina.

R Potassii Iodidi.....	gr. v.	....	0.32
Potassii Bicarbonatis.....	gr. xv.	....	1.00
Spiritus Ammonia Aro-			
matici.....	m. x.	....	0.65
Syrupi Zingiberis.....	m. xx.	....	1.32
Aquæ.....ad	3 ii	....	7.50—M.

Mistura Potassii Iodidi cum Colchico.

R Potassii Iodidi.....	gr. viiss	....	0.50
Vini Colchici.....	m. xv.	....	1.00
Syrupi Zingiberis.....	m. xv.	....	1.00
Aquæ.....ad	3 ii	....	7.50—M.

Mistura Rhei et Sodæ.

℞ Pulveris Rhei.....	gr. v.	....	0.32
Sodii Bicarbonatis.....	gr. x	....	0.65
Syrupi Zingiberis.....	m. x.	....	0.65
Aquæ Chloroformi.....ad	3 ii	....	7.50.—M

Mistura Salicylica.

℞ Sodii Salicylatis.....	gr. xv.	....	1.00
Syrupi Zingiberis.....	m. xx.	....	1.32
Aquæ Cinnamomi.....ad	3 ii.	....	7.50—M.

Mistura Salicylica Alkalina.

℞ Sodii Salicylatis.....	gr. xv.	....	1.00
Potassii Citratis.....	gr. xv.	....	1.00
Syrupi Zingiberis.....	m. xx.	....	1.32
Aquæ Cinnamomi.....ad	3 ii	....	7.50—M.

Mistura Salinæ.

℞ Magnesii Sulphatis.....	gr. xxx	....	2.00
Tincturæ Gentianæ Compo-			
sitæ.....	m. x.	....	0.65
Aquæ.....ad	3 ii.	....	7.50—M.

Mistura Stramonii.

℞ Potasii Iodidi.....	gr. iii	....	0.20
Extracti Stramonii Seminis	m. i.	....	0.065
Extracti Glycyrrhizæ fluidi.	m. v.	....	0.32
Spiritus Chloroformi.....	m. x.	....	0.65
Aquæ.....ad	3 ii	....	7.50

Mistura Urotropin.

℞ Urotropin.....	gr. viiss	....	0.50
Syrupi Aurantii.....	m. xx.	....	1.32
Aquæ.....ad	3 ii	....	7.50—M.

PIGMENTA.

Pigmentum Belladonnæ.

℞ Extracti Belladonnæ Alcoho-			
lici.....	3 i.	....	4.00
Glycerini.....	ad 3 i.	....	30.00—M.

Pigmentum Phenol cum Camphora.

℞ Phenol.....	3 iiss	....	9.00
Pulveris Camphoræ.....	3 v.	....	18.00
Alcohol.....	ad 3 i	....	30.00

Pigmentum Chloral cum Camphora.

℞ Chloral Hydratis			
Pulveris Camphoræ, partes æquales, tere bene et fiat pigmentum.			

PILULA.

Pilula "Addison."

℞ Pilulæ Hydrargyri			
Pulveris Digitalis			
Pulveris Scillæ.....	aa gr. i.	....	0.065—M.

Pilula Aloini, Strychninæ et Belladonnæ.

℞ Aloini.....	gr. $\frac{1}{8}$	....	0.013
Strychninæ.....	gr. $\frac{1}{80}$	....	0.001
Extracti Belladonnæ.....	gr. $\frac{1}{8}$	....	0.008 M.

Pilula Aloini, Strychninæ et Belladonnæ Composita.

℞ Aloini.....	gr. $\frac{1}{8}$	....	0.013
Strychninæ.....	gr. $\frac{1}{80}$	....	0.001
Extracti Belladonnæ.....	gr. $\frac{1}{8}$	....	0.008
Extracti Cascaræ Sagradæ..	gr. $\frac{1}{2}$	....	0.032 M.

Pilula Camphoræ Composita.

℞ Pulveris Camphoræ.....	gr. i	....	0.065
Pulveris Opii.....	gr. ss.	....	0.032
Pulveris Ipecacuanhæ	gr. ¼	....	0.016 M.

Pilula Cathartica Composita.

℞ Extracti Colocynthis Compositi.....	gr. i.	....	0.065
Extracti Jalapæ.....	gr. ss.	....	0.032
Resinæ Podophylli.....	gr. ¼	....	0.016
Extracti Hyoscyamai.....	gr. ss.	....	0.032
Olei Menthæ piperitæ.....	gtt. ½	....	0.0008-M

Pilula Colocynthis cum Hydrargyro.

℞ Extracti Colocynthis Compositi.....	gr. iiss	....	0.162
Pilulæ Hydrargyri	gr. iss.	....	0.100
Extracti Hyoscyami.....	gr. ss.	....	0.032-M.

Pilula Ferri Carbonatis Composita.

℞ Pilula Ferri	gr. v.	....	0.32
Aloes.....	gr. ½	....	0.008
Extracti Nucis Vomicae.....	gr. 1 ½	....	0.004
Acidi Arseniosi.....	gr. 100	..	0.00065 M.

Pilula Plumbi et Opii.

℞ Plumbi Acetatis.....	gr. iss	....	0.100
Pulvis Opii.....	gr. ss.	....	0.032-M.

UNGUENTA.

Unguentum Scarlatinum.

Scarlet Red (Biebrich Medicinal).....	8	
Paraffini Mollis.....		92-M.

Unguentum Zinci Carbolutum.

Acidi Carbolici.....	1
Zinci Oxidi.....	15
Paraffini Mollis.....	84-M.

Preparations for use in the department
for diseases
of infants and children

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In the following formulæ mixtures intended for infants should be designated simply by the addition of *infantilis*, while those intended for children of five years must be designated by the addition of *infantilis fortior*.

E.g.: *Mistura Carminativa Infantilis* and *Mistura Carminativa Infantilis Fortior*.

BALNEA.

Balneum Alkalinum.

Sodium Bicarbonate.....1 ounce.
Water at a temperature of 96° F.....5 gallons.

Balneum Calidum Sedans.

Water at a temperature of 96° F. to 100° F..5 gallons.

Balneum Calidum Stimulans.

Water at a temperature of 104° F. to 110° F.5 gallons.

Balneum Tepidum.

Water at a temperature of 85° F. to 92° F..5 gallons.

Balneum Furfuris.

Bran (enclosed loosely in a muslin bag)....10 ounces.
Water.....5 gallons.

Balneum Sinapis.

Flour of mustard.....from one to two ounces
Water.....5 gallons

MISTURÆ.

Mistura Acidi Hydrochlorici Infantilis.

	For Children	
	Of one year	Of five years
℞ Acidi Hydrochlorici diluti.....	m. i. .0.065	m. iv. .0.25
Spiritus Chloroformi..	m. i. .0.065	m. iv. .0.25
Elixiris Aromatici....	m. v. .0.33	m. xx. .1.32
Aquæ.....ad	℥ i. .4.00	℥ ii. .7.50

Mistura Acidi Sulphurici cum Opio Infantilis.

℞ Acidi Sulphurici Aromatici.....	m. ss. .032	m. iii. .0.20
Tincturæ Camphoræ Compositæ.....	m. iv. .0.26	m. xv. .1.00
Elixiris Aromatici....	m. x. .0.65	m. xx. .1.32
Aquæ Cinnamomi..ad	℥ i. .4.000	℥ ii. .7.50

Mistura Alba. Infantilis.

℞ Magnesii Sulphatis...	gr. ii. .0.13	gr. x. .0.65
Magnesii Carbonatis..	gr. i. .0.065	gr. v. .0.32
Aquæ Menthæ Pip-ritæ.....ad	℥ i. .4.00	℥ ii. .7.50

Mistura Ammoniæ cum Ipecacuanha Infantilis.

℞ Ammonii Carbonatis..	gr. ¼ .0.015	gr. iss. .0.10
Vini Ipecacuanhæ....	m. i. .0.065	m. v. .0.32
Syrupi Simplicis.....	m. x. .0.65	m. xx. .1.32
Aquæ.....ad	℥ i. .4.00	℥ ii. .7.50

Mistura Ammonii Acetatis Infantilis.

℞ Liquoris Ammonii Acetatis.....	m. v. .0.32	m. xx. .1.32
Potassii Citratis.....	gr. ii. .0.13	gr. v. .0.32
Syrupi Simplicis.....	m. x. .0.65	m. xx. .1.32
Aquæ.....ad	℥ i. .4.00	℥ ii. .7.50

For Children
Of one year Of five years

Mistura Aperiens Infantilis.

℞ Magnesii Carbonatis..	gr. ii. . .0.13	gr. x. . .0.65
Syrupi Rhei.....	m. xv. .1.00	℥ i. . .4.00
Syrupi Sennæ.....	m. x. . .0.65	m. xv. . .1.00
Tincturæ Belladonnæ	m. ss. . .0.032	m. ii. . .0.13
Aquæ Cinnamomi..ad	℥ i. . .4.00	℥ ii. . .7.50

Mistura Aromatica Infantilis.

℞ Magnesii Carbonatis..	gr. i. . .0.065
Pulveris Cretæ Aro-	
matici.....	gr. iii. . .0.20
Syrupi Rhei.....	m. x. . .0.65
Glycerini.....	m. v. . .0.32
Aquæ Menthæ Pipe-	
ritæ.....ad	℥ i. . .4.00

Mistura Astringens Infantilis.

℞ Bismuthi Carbonatis..	gr. viii. 0.50	gr. x. . .0.65
Bismuthi Salicylatis..	gr. i. . .0.065	gr. ii. . .0.13
Extracti Hæmatoxyli		
fluidi.....	m. ii. . .0.13	m. v. . .0.32
Misturæ Cretæ.....ad	℥ i. . .4.00	℥ ii. . .7.50

Mistura Carminativa Infantilis.

℞ Sodii Bicarbonatis...	gr. i. . .0.065	gr. v. . .0.32
Spiritus Ammonię Ar-		
omatici.....	m. i. . .0.065	m. iiss. . .0.16
Glycerini.....	m. v. . .0.32	m. xx. . .1.32
Aquæ Menthæ Pipe-		
ritæ.....ad	℥ i. . .4.00	℥ ii. . .7.50

Mistura Cascaræ Sagradæ Infantilis.

℞ Syrupi Cascaræ Aro-		
matici.....	m. x. . .0.65	m. xxx. . .2.00
Syrupi Zingiberis....	m. v. . .0.32	m. x. . .0.65
Aquæ Carui.....ad	℥ i. . .4.00	℥ ii. . .7.50

Mistura Chloralis Hydratis Infantilis.

℞ Chloralis Hydratis . . .	gr. i. . .0.065	gr. v. . .0.34
Potassii Bromidi	gr. ii. . .0.13	gr. v. . .0.34
Syrupi Aurantii	m. x. . .0.65	℥ i. . .4.00
Aquæ ad	℥ i. . .4.00	℥ ii. . .7.50

Mistura Expectorans Infantilis.

℞ Potassii Citratis	gr. iss. . .0.10	gr. v. . .0.32
Vini Ipecacuanhæ	m. i. . .0.06	m. v. . .0.32
Liquoris Ammonii A-		
cetatis	m. v. . .0.32	m. x. . .0.65
Syrupi Tolutani	m. x. . .0.65	m. xx. . .1.32
Aquæ ad	℥ i. . .4.00	℥ ii. . .7.50

Mistura Ferri Citratis Infantilis.

℞ Ferri et Ammonii Ci-		
tratis	gr. i. . .0.065	gr. ii. . .0.20
Syrupi Aurantii	m. v. . .0.32	m. x. . .0.65
Spiritus Rectificati . . .	m. v. . .0.32	m. x. . .0.65
Aquæ ad	℥ i. . .4.00	℥ ii. . .7.50

Mistura Ferri Pernitratis Infantilis.

℞ Liquoris Ferri Pernitratis	m. iv. . .0.26
Tincturæ Nucis Vomice	m. ss. . .0.03
Spiritus Chloroformi	m. iii. . .0.20
Syrupi Limonis	m. xv. . .1.00
Aquæ ad	℥ ii. . .7.50

Mistura Hæmatoxyli Composita Infantilis.

℞ Extracti Hæmatoxyli		
Fluidi	m. ii. . .0.131	m. v. . .0.32
Vini Ipecacuanhæ	m. i. . .0.065	m. iii. . .0.20
Tincturæ Opii	m. ʒ . .0.010	m. ss. . .0.032
Misturæ Cretæ ad	℥ i. . .4.00	℥ ii. . .7.50

Mistura Olei Morrhuae cum Ferro Infantilis.

R̄ Olei Morrhuae.....	m. xx. .1.32	m. xxx. .2.00
Ferri et Ammonii Ci-		
tratis.....	gr. ss. .0.032	gr. iiss. .0.16
Pulveris Acaciae.....	gr. v. .0.32	gr. x. .0.65
Syrupi Simplicis.....	m. xv. .1.00	m. x. .0.65
Aquae Cinnamomi..ad	℥ i. .4.00	℥ ii. .7.50

Mistura Olei Ricini cum Opio Infantilis.

R̄ Olei Ricini.....	m. v. .0.32	m vii. .0.50
Tincturae Camphorae		
Compositae.....	m. v. .0.32	m. x. .0.65
Pulveris Acaciae.....	gr. x. .0.65	gr. x. .0.65
Syrupi Simplicis.....	m. v. .0.32	m. x. .0.65
Aquae Cinnamomi..ad	℥ i. .4.00	℥ ii. .7.50

Mistura Pectoralis Infantilis.

R̄ Potassii Citratis . . .	gr. iss. .0.10	gr. v. .0.32
Vini Ipecacuanhae....	m. ii. .0.13	m. v. .0.32
Tincturae Camphorae		
Compositae.....	m. iii. .0.20	m. x. .0.65
Syrupi Tolutani.....	m. x. .0.65	m. xx. .1.32
Aquae.....ad	℥ i. .4.00	℥ ii. .7.50

Mistura Phenazoni Composita Infantilis.

R̄ Phenazoni.....	gr. i. .0.06	gr. iii. .0.20
Tincturae Belladonnae	m. ii. .0.13	m. v. .0.32
Syrupi Simplicis.	m. x. .0.65	m. x. .0.65
Aquae Cinnamomi..ad	℥ i. .4.00	℥ ii. .7.50

Mistura Potassii Bromidi Infantilis.

R̄ Potassii Bromidi.....	gr. ii. .0.13	gr. v. .0.32
Syrupi Aurantii.....	m. x. .0.65	m. xx. .1.32
Aquae Carui.....ad	℥ i. .4.00	℥ ii. .7.50

		For Children	
		Of one year	Of five years
Mistura Rhei et Sodæ Infantilis.			
℞	Pulveris Rhei	gr. ss. . . 0.032	gr. ii. . . 0.13
	Sodii Bicarbonatis . . .	gr. i. . . 0.065	gr. v. . . 0.32
	Syrupi Zingiberis	m. v. . . 0.32	m. v. . . 0.32
	Aquæ Carui. ad	℥ i. . . 4.00	℥ ii. . . 7.50

PULVERES.

Pulvis Hydrargyri et Rhei.

℞	Hydrargyri cur Creta	gr. ss. . . 0.03	gr. iii. . . 0.13
	Pulveris Rhei.	gr. ss. . . 0.03	gr. iv. . . 0.26
	Sodii Bicarbonatis . . .	gr. i. . . 0.06	gr. iv. . . 0.26

Pulvis Catharticus.

℞	Hydrargyri Subchloridi.	gr. i. . . 0.06
	Pulveris Jalapæ.	gr. v. . . 0.32
	Pulveris Zingiberis.	gr. ii. . . 0.13

ears

0.13
0.32
0.32
7.50

0.13
0.26
0.26

0.06
0.32
0.13

Formulae for use
in the
department for diseases of the eye

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COLLYRIA.

Collyrium Acidi Borici (1-40).

R̄ Acidi Borici..... 2.50
Aquæ destillatæ.....100.00—M. fiat collyrium.

Collyrium Boratum.

R̄ Sodii Biboratis..... 1.25
Acidi Borici..... 2.50
Aquæ destillatæ.....100.00—M. fiat collyrium.

Collyrium Hydrargyri Perchloridi (1-5000).

R̄ Hydrargyri Perchloridi . . 0 02
Aquæ destillatæ.....100.00—M. fiat collyrium.

Collyrium Zinci Sulphatis (1-100).

R̄ Zinci Sulphatis..... 1.00
Acidi Borici..... 2.00
Aquæ destillatæ.....100.00—M. fiat collyrium.

Collyrium Zinci Sulphatis (1-500).

R̄ Zinci Sulphatis..... 0.20
Acidi Borici 2.00
Aquæ destillatæ.....100.00—M. fiat collyrium.

FOMENTA.

These fomentations are to be used at a temperature
of 100°F to 108°F.

Fomentum Belladonnæ.

R̄ Extracti Belladonnæ 5.00
Aquæ destillatæ.....500.00—Solve.

Fomentum Boracis (1-100).

℞ Audi Borici.....	5.00
Aquæ callidæ.....	500.00—Solve.

Fomentum Papaveris.

℞ Papaveris capsularum (sine seminibus)	50.00
Aquæ destillatæ.....	750.00
Coque horæ partem quartum et cola.	

GUTTÆ.

Guttæ Adrenalin (1-5000).

℞ Liquoris Adrenalin Chloridi.....	2.00
Sodii Chloridi.....	.30
Aquæ destillatæ.....	ad 10.00—Solve.

Guttæ Adrenalin (1-2000).

℞ Liquoris Adrenalin Chloridi.....	5.00
Sodii Chloridi.....	.20
Aquæ destillatæ.....	ad 10.00—Solve.

Guttæ Argenti Nitratis (1%).

℞ Argenti Nitratis.....	.10
Aquæ destillatæ.....	ad 10.00—Solve.

Guttæ Argenti Nitratis (2%).

℞ Argenti Nitratis.....	.20
Aquæ destillatæ.....	ad 10.00—Solve.

Guttæ Argenti Nitratis (3%).

℞ Argenti Nitratis.....	.30
Aquæ destillatæ.....	ad 10.00—Solve.

Guttæ Argyrol (10%).

℞ Argyrol.....	1.00
Aquæ destillatæ.....	ad 10.00—Solve.

Guttæ Argyrol (20%).

Solve. R̄ Argyrol..... 2.00
Aquæ destillatæ.....ad 10.00—Solve.

Guttæ Atropinæ (1%).

R̄ Atropinæ Sulphatis..... 0.10
Aquæ destillatæ.....ad 10.00—Solve.

Guttæ Atropinæ (2%).

R̄ Atropinæ Sulphatis..... 0.20
Aquæ destillatæ.....ad 10.00—Solve.

Guttæ Atropinæ (4%).

Solve. R̄ Atropinæ Sulphatis..... 0.40—
Aquæ destillatæ.....ad 10.00—Solve.

Guttæ Atropinæ Oleatis Compositæ.

Solve. R̄ Atropinæ..... .01
Cocainæ..... .60
Acidi Oleici..... 1.00
Califacie tunc adde.
Olei Olivæ.....ad 10.00

Guttæ Cocainæ (4%).

Solve. R̄ Cocainæ Hydrochloridi..... 0.40
Aquæ destillatæ.....ad 10.00—Solve.

Guttæ Dionin (10%).

Solve. R̄ Dionin..... 1.00
Aquæ destillatæ.....ad 10.00—Solve.

Guttæ Duboisinæ (1 in 250).

Solve. R̄ Duboisinæ Sulphatis..... 0.04
Aquæ destillatæ.....ad 10.00—Solve.

Guttæ Eucainæ (2%).

R̄ β Eucainæ Hydrochloridi..... 0.20
Aquæ destillatæ.....ad 10.00—Solve.

Guttæ Florescin (1%).

R̄ Florescin..... 0.10
Sodii Bicarbonatis..... 0.20
Aquæ destillatæ.....ad 10.00—Solve.

Guttæ Holocainæ (1%).

R̄ Holocainæ Hydrochloridi..... 0.10
Aquæ destillatæ.....ad 10.00—Solve.

Guttæ Homatropinæ (1%).

R̄ Homatropinæ Hydrobromidi..... 0.10
Aquæ destillatæ.....ad 10.00—Solve.

Guttæ Physostigminæ vel Eserinæ Salicylatis
(1 in 400).

R̄ Physostigminæ Salicylatis..... 0.025
Aquæ destillatæ.....ad 10.00—Solve.

Guttæ Physostigminæ vel Eserinæ Sulphatis
(1-250).

R̄ Physostigminæ Sulphatis..... 0.04
Aquæ destillatæ.....ad 10.00—Solve.

Guttæ Pilocarpini ($\frac{1}{2}$ %).

R̄ Pilocarpini Nitratis..... 0.05
Aquæ destillatæ.....ad 10.00—Solve.

Guttæ Protargol (5%).

R̄ Protargol..... 0.50
Aquæ destillatæ.....ad 10.00—Solve.

Guttæ Protargol (10%).

R̄ Protargol..... 1.00
Aquæ destillatæ.....ad 10.00—Solve.

Guttæ Quininæ (1%).

R̄ Quininæ Bisulphatis..... 0.10
Aquæ destillatæ.....ad 10.00—Solve.

Guttæ Scopolaminæ (1-1000).

R̄ Scopolaminæ Hydrobromidi..... 0.01
Aquæ destillatæ.....ad 10.00—Solve.

Guttæ Scopolaminæ (1-500).

R̄ Scopolaminæ Hydrobromidi..... 0.02
Aquæ destillatæ.....ad 10.00—Solve.

Guttæ Zinci Chloridi (1 in 500).

R̄ Zinci Chloridi..... 0.02
Aquæ destillatæ.....ad 10.00—Solve.

Guttæ Zinci Sulphatis (1-100).

R̄ Zinci Sulphatis..... 0.10
Aquæ destillatæ.....ad 10.00—Solve.

Guttæ Zinci Sulphatis (1-500).

R̄ Zinci Sulphatis..... 0.02
Acidi Borici..... .20
Aquæ destillatæ.....ad 10.00—Solve.

LAPIDES.

Lapis Divinus.

R̄ Cupri Sulphatis..... 20.00
Aluminis Sulphatis..... 20.00
Potassii Nitratis..... 20.00
Liquefacie cum calore et misce, tunc adde.
Pulveris Camphoræ..... 1.00
misce et infunde in formis idoneis

Lapis Mitigatus No. 1.

R̄ Argenti Nitratis.....	10.00
Potassi Nitratis.....	20.00
Liquefacie cum calore, misce et infunde in formis idoneis.	

Lapis Mitigatus No. 2.

R̄ Argenti Nitratis.....	10.00
Potassi Nitratis.....	30.00
Liquefacie cum calore, misce et infunde in formis idoneis.	

PILULÆ.

Pilula Hydrargyri et Belladonnæ.

R̄ Hydrargyri cum Creta.....	gr. i	....	0.065
Pulveris Foliæ Belladonnæ....	gr. ¼	....	0.016—M.

Pilula Hydrargyri et Belladonnæ Fortior.

R̄ Hydrargyri cum Creta.....	gr. iii	....	0.20
Pulveris Foliæ Belladonnæ....	gr. i	....	0.065—M.

PULVERES.

Pulvis Borata.

R̄ Sodii Biboratis.....	3.30
Acidi Borici.....	6.70 M. fiat pulvis

UNGUENTA.

Unguentum Acidi Borici (10%).

R̄ Acidi Borici.....	1.00
Olei Amygdalæ dulcis.....	q.s.
Unguenti Paraffini.....	ad 10.00—M.

Unguentum Atropinæ (1%).

R̄ Atropinæ.....	0.10	
Unguenti Paraffini.....	10.00—M.	
Solve cum calore.		

Unguentum Calomelanos (20%).

R̄ Hydrargyri Subchloridi.....	0.20	
Olei Amydalæ dulcis.....	q.s.	
Unguenti Paraffini.....	ad	10.00—M.

Unguentum Cocainæ (2%).

R̄ Cocainæ.....	0.20	
Olei Amygdalæ dulcis.....	q.s.	
Unguenti Paraffini.....	ad	10.00—M.

Unguentum Cupri Citratis (5%).

R̄ Cupri Citratis.....	0.50	
Olei Amygdalæ dulcis.....	q.s.	
Unguenti Paraffini.....	ad	10.00 M

Unguentum Cupri Citratis (10%).

R̄ Cupri Citratis.....	1.00	
Olei Amygdalæ dulcis.....	q.s.	
Unguenti Paraffini.....	ad	10.00—M.

Unguentum Hydrargyri Ammoniati (1%).

R̄ Hydrargyri Ammoniati.....	0.10	
Adipis Lanæ.....		
Unguenti Paraffini.....	aa	5.00—M.

Unguentum Hydrargyri Nitratis Mitius (1-8).

R̄ Unguenti Hydrargyti Nitratis....	1.25	
Paraffini Mollis.....		10.00—M.

Unguentum Hydrargyri Oxidi Flavi (2%).

R̄ Hydrargyri Oxidi Flavi.....	0.20	
Paraffini Mollis.....		10.00—M.

Unguentum Hydrargyri Oxidi Flavi (3%)		
R	Hydrargyri Oxidi Flavi.....	0.30
	Paraffini Mollis.....	10.00—M.

Unguentum Ichthyol (2%)		
R	Ichthyol.....	0.20
	Paraffini Mollis.....	10.00—M.

Unguentum Xeroformi (5%).		
R	Xeroformi.....	0.50
	Olei Amygdalæ dulcis.....	q.s.
	Unguenti Paraffini.....	ad 10.00—M.

Unguentum Zinci Stearatis.		
R	Zinci Oxidi Stearatis.....	3.00
	Acidi Borici.....	0.50
	Olei Amygdalæ dulcis.....	q.s.
	Adipis Lanæ.....	1.50
	Unguenti Paraffini.....	ad 10.00—M.

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Formulæ for use
in the
Department for Diseases of the Ear

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GUTTAE.

Guttæ Acidi Borici.

℞ Acidi Borici..... 2.00
Spiritus Rectificati..... 30.00—M. fiat guttæ.
To be used diluted as directed.

Guttæ Alkalinae (1-25).

℞ Sodii Bicarbonati..... 1.20
Glycerini
Aquæ.....aa 15.00—M.

Guttæ Cocainæ (1.30).

℞ Cocainæ Hydrochloridi. 1.00
Acidi Carbolici Opt. 0.65
Glycerini..... 24.00
Aquæ.....ad 30.00—M. fiat guttæ.

Guttæ Hydrogenii Peroxidi (5 volumes).

℞ Liquoris Hydrogenii Peroxidi..... 15.00
Aquæ.....ad 30.00—M. fiat guttæ.

Guttæ Menthol (10%).

℞ Menthol..... 3.00
Olei Olivæ..... 30.00—M. fiat guttæ.

Guttæ Menthol Composita.

℞ Camphoræ..... 0.032
Menthol..... 0.13
Parafini Liquidi..... 30.00—M. fiat guttæ.

Guttæ Zinci Sulphatis (1%).

℞ Zinci Sulphatis..... 0.30
Aquæ destillatæ..... 30.00—M. fiat guttæ.

LOTIONES.

Lotio Borata.

℞ Sodii Biborata
Acidi Borici.....aa 10.00
Aquæ.....500.00—M. fiat lotio.

Lotio Hydrargyri Perchloridi (1-5,000).

℞ Hydrargyri Perchloridi 0.10
Ammonii Chloridi..... 0.10
Aquæ.....500.00—M. fiat lotio.

Lotio Lysol (1-2000).

℞ Lysol..... 0.25
Aquæ.....ad 500.00—M.

Lotio Phenol (1-60)

℞ Phenol..... 8.00
Aquæ.....500.00

UNGUENTA.

Unguentum Hydrargyri Ammoniata (5%)

℞ Unguenti Hydrargyri
Ammoniati..... 15.00
Unguenti Paraffini...ad 30.00—M. fiat unguentum.

Formulæ for use in the Department
for Diseases
of the Nose and Throat

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COLLUNARIA.

DIRECTIONS FOR USE:—One dessert-spoonful to be added to a wine glass (50 c. c.) of warm water, and used as a nasal douche.

Collunarium Alkalinum.

℞ Sodii Biboratis	
Sodii Bicarbonatis	
Sodii Chloridi. aa	0.33
Aquæ.	7.50—Solve.

Collunarium Ammonii Chloridi.

℞ Ammonii Chloridi.	0.50
Sodii Chloridi.	0.25
Sacchari Albi.	0.30
Aquæ. ad	7.50—Solve.

Collunarium Antisepticum.

℞ Sodii Bicarbonatis.	0.25
Liquoris Antiseptici U.	
S. P.	2.00
Aquæ. ad	7.50—Solve.

Collunarium Boracis Carbolatum.

℞ Sodii Biboratis	
Sodii Bicarbonatis. . . . aa	0.25
Phenol.	0.065
Aquæ. ad	7.50—Solve.

Collunarium Hamamelidis.

℞ Extracti Hamamelidis	
Fluidi Destillati.	1.00
Glycerini.	0.65
Aquæ. ad	7.50—Solve.

Collunarium Sodii Salicylatis.

R̄ Sodii Salicylatis.....	0.065
Sodii Biboratis.....	0.50
Aquæ.....ad	7.50—Solve.

Collunarium Salinum.

R̄ Sodii Chloridi.....	0.38
Sodii Sulphatis.....	0.10
Sodii Phosphatis.....	0.016
Potassii Chloridi.....	0.026
Potassii Sulphatis....	0.016
Potassi Phosphatis....	0.02
Menthol.....	0.004—M. fiat tabella.

(The tablet to be dissolved in a wine-glassful of warm water and used as directed).

GARGARISMATA.

DIRECTIONS—One dessert-spoonful to be added to a wineglassful (about 50 c.c.) of water, and used as a gargle or mouth wash.

Gargarisma Acidi Carbolic.

R̄ Acidi Carbolic.....	0.25
Glycerini.....	0.65
Aquæ.....ad	7.50—Solve.

Gargarisma Alkalina.

R̄ Potassii Chloratis.....	0.20
Sodii Bicarbonatis.....	0.40
Potassii Bicarbonatis..	0.40
Glycerini.....	1.00
Aquæ.....ad	7.50—M.

Gargarisma Aluminis.

R̄ Pulveris Aluminis.....	0.50
Glycerini.....	1.25
Aquæ.....ad	7.50—Solve.

Gargarisma Ferri Perchloridi.

℞ Tincturæ Ferri Perchloridi.....	0.65
Potassii Chloratis.....	0.30
Syrupi Limonis.....	1.00
Aquæ.....ad	7.50—Misce.

Gargarisma Potassii Chloratis.

℞ Potassii Chloratis.....	1.00
Glycerini.....	1.30
Aquæ.....ad	7.50—Solve.

Gargarisma Potassii Permanganatis (1-5000).

℞ Liquoris Potassii Permanganatis.....	1.00
Aquæ.....ad	7.50—Misce.

INHALATIONES.

DIRECTIONS—Five to ten drops to be dropped on sponge of inhaler, and used as an inhalation for ten or fifteen minutes at a time.

Inhalatio Creosoti et Phenol.

℞ Creosoti.....	1.00
Phenol.....	1.00
Spiritus Rectificati.....	2.00—Misce.

Inhalatio Eucalyptol Composita.

℞ Eucalyptol.....	0.65
Olei Pini Sylvestris. .ad	4.00—Misce.

Inhalatio Menthol Composita.

℞ Menthol.....	0.65
Eucalyptol.....	1.35
Olei Menthæ Piperitæ..	2.00—Misce.

INSUFFLATIONES.

DIRECTIONS—A small amount of the powder about equal in bulk to a dried pea to be placed in tube of insufflator and blown into the larynx as may be required.

Insufflatio Anæthesin.

℞ Anæthesin
Acidi Borici.....aa 2.00—Misce.

Insufflatio Bismuthi.

℞ Bismuthi Subgallatis... 1.75
Acidi Borici..... 2.00
Morphinæ Hydrochloridi..... .25—Misce.

Insufflatio Iodol Composita.

℞ Iodol..... 1.25
Acidi Borici..... 1.25
Acidi Tannici..... 1.50—Misce.

Insufflatio Morphinæ et Iodoformi.

℞ Morphinæ Hydrochloridi..... .25
Pulveris Iodoformi..... 1.75
Pulveris Acaciæ..... 2.00

Insufflatio Orthoformi.

℞ Orthoformi..... 2.00
Acidi Borici.....aa 2.00—Misce.

NEBULÆ.

DIRECTIONS—To be used in suitable atomizer as a spray for the throat.

Nebula Acidi Tannici Sedativa (1-50).

℞ Acidi Tannici..... 0.60
Acidi Carbolici Opt
Olei Menthæ Piperitæ aa 0.06
Glycerini 4.00
Aquæ.....ad 30.00—Solve.

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Nebula Eucalyptol (2%).

R̄ Eucalyptol..... 0.60
Paraffini Liquidi 30.00—Misce.

Nebula Menthol (1%).

R̄ Menthol..... 0.30
Paraffini Liquidi 30.00 Misce.

Nebula Zinci Chloridi (2%).

R̄ Zinci Chloridi..... 0.60
Aquæ.....ad 30.00—Solve.

Nebula Zinci Chloridi (5%).

R̄ Zinci Chloridi..... 1.50
Aquæ.....ad 30.00—Solve.

PIGMENTA.

Pigmentum Acidi Chromici (2%).

R̄ Acidi Chromici..... 0.60
Aquæ.....ad 30.00—M. fiat pigmentum.

Pigmentum Acidi Lactici (2%).

R̄ Acidi Lactici..... 0.60
Aquæ.....ad 30.00—M. fiat pigmentum.

Pigmentum Acidi Lactici (4%).

R̄ Acidi Lactici..... 1.20
Aquæ.....ad 30.00—M. fiat pigmentum.

Pigmentum Acidi Lactici (10%).

R̄ Acidi Lactici..... 3.00
Aquæ.....ad 30.00—M. fiat pigmentum.

Pigmentum Acidi Lactici (25%).

R̄ Acidi Lactici..... 7.50
Aquæ.....ad 30.00—M. fiat pigmentum.

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Pigmentum Argenti Nitratis (5%).

℞ Argenti Nitratis..... 1.50
Aquæ destillatæ.....ad 30.00—M. fiat pigmentum.

Pigmentum Argenti Nitratis (10%).

℞ Argenti Nitratis..... 3.00
Aquæ destillatæ.....ad 30.00—M. fiat pigmentum.

Pigmentum Ferri Perchloridi (10%).

℞ Liquoris Ferri Perchloridi..... 3.00
Glycerini..... 15.00
Olei Menthæ piperitæ... 0.10
Aquæ.....ad 30.00—M. fiat pigmentum.

Pigmentum Iodi (1%).

℞ Iodi..... 0.30
Potassii Iodidi..... 0.60
Olei Menthæ piperitæ.. 0.10
Glycerini..... 30.00—M. fiat pigmentum.

Pigmentum Iodi (2%).

℞ Iodi..... 0.60
Potassii Iodidi..... 1.20
Olei Menthæ Piperitæ.. 0.10
Glycerini..... 30.00—M. fiat pigmentum.

Pigmentum Zinci Chloridi (1 in 25).

℞ Zinci Chloridi..... 1.20
Aquæ..... 30.00—M. fiat pigmentum.

UNGUENTA.

Unguentum Aristol (2%).

℞ Aristol..... 0.60
Adipis Lanæ..... 15.00
Unguenti Paraffini..... 15.00—M. fiat unguentum.

Unguentum Eucalyptol (2%).

R̄ Eucalyptol..... .60
Adipis Lanæ..... 8.00
Unguenti Paraffini.. ad 30.00—M. fiat unguentum.

Unguentum "Gruber."

R̄ Potassii Iodidi..... 2.50
Iodi..... .05
Camphoræ..... .50
Unguenti Paraffini.. ad 30.00—M. fiat unguentum.

Unguentum Hydrargyri Oxidi Rubri (1%).

R̄ Hydrargyri Oxidi Ru-
bri..... 0.30
Unguenti Paraffini.. ad 30.00—M. fiat unguentum.

Unguentum Hydrargyri Oxidi Rubri (2%).

R̄ Hydrargyri Oxidi Ru-
bri..... .60
Unguenti Paraffini.. ad 30.00—M. fiat unguentum.

Unguentum Hydrargyri Oxidi Flavi (1%).

R̄ Hydrargyri Oxidi Flavi. .30
Unguenti Paraffini.. ad 30.00—M. fiat unguentum.

Unguentum Hydrargyri Oxidi Flavi (2%).

R̄ Hydrargyri Oxidi Flavi. .60
Unguenti Paraffini.. ad 30.00—M. fiat unguentum.

Unguentum Ichthyol (5%).

R̄ Ichthyol..... 1.50
Unguenti Paraffini.. ad 30.00—M. fiat unguentum.

Unguentum Menthol (1-250).

R̄ Menthol..... 0.12
Unguenti Paraffini.. ad 30.00—M. fiat unguentum.

Unguentum Zinci Salicylatum.

R̄	Acidi Salicylici.....	.30
	Zinci Oxidi.....	5.00
	Pulveris Talci.....	5.00
	Unguenti Paraffini..ad	30.00

Unguentum Zinci Stearatis.

R̄	Zinci Oxidi Stearatis...	10.00
	Acidi Borici.....	1.50
	Olei Amygdalæ Dul-	
	cis.....qs	
	Adipis Lanæ.....	4.00
	Unguenti Paraffini..ad	30.00

VAPORES.

DIRECTIONS.—One teaspoonful to be added to half a pint of hot water at a temperature at 160° F., and the vapor to be inhaled for five or ten minutes.

Vapor Benzoini.

Tincturæ Benzoini Compositæ.....	30.00
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Vapor Camphoræ.

R̄	Pulveris Camphoræ.....	1.00
	Pulveris Menthol.....	2.00
	Glycerini.....ad	30.00—M.

Vapor Creosoti.

R̄	Creosoti.....	4.00
	Magnesii Carbonatis Levis.....	2.00
	Aquæ.....ad	30.00—M.

Vapor Pini Sylvestris.

R̄	Olei Pini Sylvestris.....	2.00
	Magnesii Carbonatis Levis.....	2.00
	Aquæ.....ad	30.00—M.

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Formulæ for use
in the
Department for Diseases of the Skin

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EMPLASTRA.

Emplastrum "Boeck."

℞ Resorcin.....	6.00
Adipis Lanæ.	
Emplastri Plumbi.....aa	22.00—M.

LINIMENTA.

Linimentum Calaminæ.

℞ Calaminæ Praecipitatæ.....	gr. xl.	....	2.60
Zinci Oxidi.....	gr. xxx.	....	2.00
Olei Olivæ.....	℥ iv.	....	15.00
Liquoris Calcis.....ad	℥ i.	....	30.00—M.

LOTIONES.

Lotio Calaminæ.

℞ Calaminæ Praecipitatæ.....	gr. xl.	....	2.60
Zinci Oxidi.....	gr. xxx.	....	2.00
Glycerinæ.....	m. x.	....	0.65
Liquoris Calcis.....ad	℥ i.	....	30.00—M.

Lotio Cantharidis Composita.

℞ Tincturæ Cantharidis.....	℥ i.	....	4.00
Acidi Acetici diluti.....	℥ iss.	....	6.00
Spiritus Rosmarini.....	℥ iss.	....	6.00
Glycerini.....	m. x.	....	0.65
Aquæ Rosæ.....ad	℥ i.	....	30.00—M.

Lotio Hydrargyri et Acidi Acetici.

℞ Hydrargyri Perchloridi.....	gr. ii.	....	0.13
Acidi Acetici Glacialis.....	m. xx.	....	1.30
Aquæ.....ad	℥ i.	....	30.00—M.

Lotio Resorcini (M.G.H.).

℞ Resorcini.....	gr. xx.	....	1.25
Acidi Acetici.....	m. xxx.	....	2.00
Spiritus Rectificati.....	3 ii.	....	7.50
Olei Ricini.....	m. iii.	....	.20
Aquæ.....ad	3 i.	....	30.00—M.

Lotio Resorcini (R.V.H.).

℞ Resorcini.....	gr. x.	....	0.65
Acidi Salicylici.....	gr. v.	....	0.32
Formalin.....	m. iiss.	....	0.16
Olei Ricini.....	m. x.	....	0.65
Aquæ Rosæ.....	m. xx.	....	1.30
Spiritus Rectificati.....ad	3 i.	....	30.00—M.

Lotio Sulphuris.

℞ Sulphuris Præcipitati.....	3 i.	....	4.00
Aetheris.....	3 i.	....	4.00
Spiritus Rectificati.....ad	3 i.	....	30.00—M.

PASTÆ.

Pasta Acidi Salicylicæ cum Phenol.

℞ Acidi Salicylici.....	3 ii.	....	8.00
Phenol.....	3 i.	....	4.00
Glycerini.....ad	3 i.	....	30.00—M.

Pasta Bassorin.

℞ Bassorin.....			24.00
Dextrin.....			12.50
Glycerini.....			5.00
Aquæ.....ad			50.00—M.

Pasta Fordyce Mitior.

℞ Beta Naphthol.....			4.00
Resorcini.....			4.00
Sulphuris.....			12.00
Paraffini Mollis.....			
Saponis Viridis.....aa			15.00—M.

Pasta Fordyce Fortior.

R̄	Beta Naphthol.....	4.00
	Resorcini.....	8.00
	Sulphuris.....	12.00
	Paraffini Mollis	
	Saponis Viridis.....	aa 13.00—M.

Pasta Gelatin "Unna."

R̄	Zinci Oxidi.....	14.00
	Gelatini.....	14.00
	Glycerini.....	17.00
	Aquæ.....	ad 50.00—M.

(N.B.—To this as a basis, Salicylic Acid, Resorcin, Chrysarobin, Icthyol, etc., may be added. Both the above and the Bassorin paste require to be softened by standing the pot in hot water before they are used).

Pasta "Lassar."

R̄	Acidi Salicylici.....	1.00
	Zinci Oxidi.....	12.00
	Pulveris Amyli.....	12.00
	Unguentum Paraffini.....	25.00—M.

PIGMENTA.

Pigmentum "Boeck."

R̄	Resorcini.....	16.00
	Pulveris Talci.....	15.00
	Balsami Peruviani.....	2.00
	Mucilaginis.....	10.00
	Aquæ.....	ad 55.00—M.

Pigmentum Chrysarobini.

R̄	Acidi Salicylici.....	5.00
	Chrysarobini.....	10.00
	Olei Rusci.....	10.00
	Paraffini Mollis.....	12.50
	Saponis Viridis.....	12.50—M.

SPIRITUS.

Spiritus Saponis Viridis.

R̄ Saponis Viridis	56.00
Spiritus Rectificati.....	33.00
Olei Lavandulæ.....	1.00—M.

UNGUENTA.

Unguentum Chrysarobini (1-100)

R̄ Pulvis Chrysarobini.....	gr. v. .30
Unguenti Paraffini.....	ad ̄ i. 30.00—M.

Unguentum Hydrargyri Oleatis.

R̄ Hydrargyri Oleatis.....	66.00
Adipis.....	33.00
Olei Lavandulæ.....	1.00—M.

Unguentum Lithargyri.

R̄ Emplastri Plumbi.....	33.00
Olei Olivæ.....	66.00
Misce cum calore, tunc adde	
Olei Lavandulæ.....	1.00—M.

Unguentum Resorcini.

R̄ Resorcini.....	6.00
Pulveris Acidi Salicylici.....	4.00
Unguenti Sulphuris.....	90.00—M.

Unguentum Sulphuris Compositum.

R̄ Sulphuris Sublimati.....	12.50
Olei Cadini.....	12.50
Cretæ Præparatæ.....	9.00
Adipis.....	33.00
Saponis Viridis.....	33.00—M.

Unguentum Zinci cum Hydrargyro.

R	Unguenti Hydrargyri Ammoniati.....	25.00
	Unguenti Zinci Oxidi.....	37.50
	Unguenti Paraffini.....	37.50—M.

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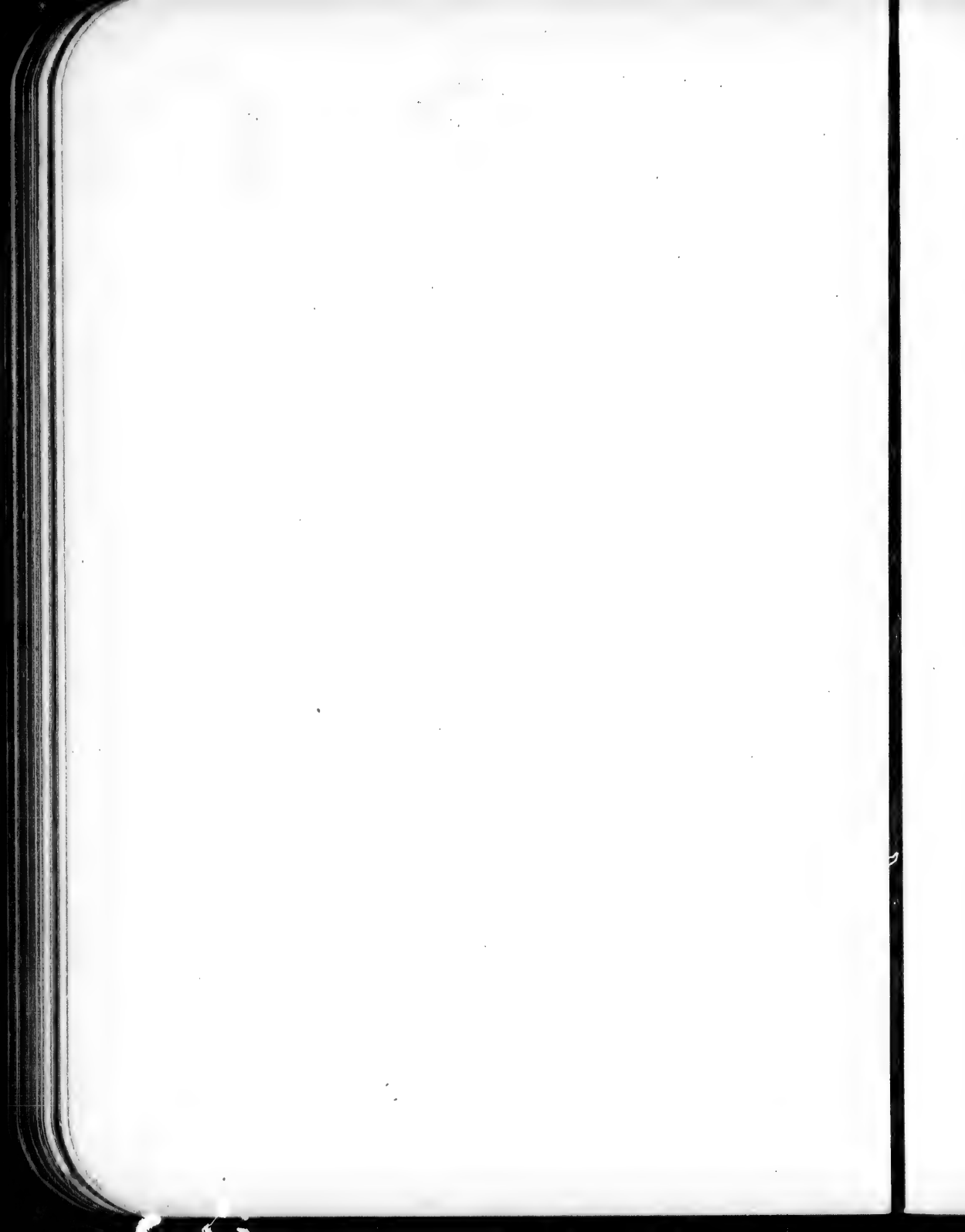
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**Formulæ for Use
in the
Dental Department**

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- R̄ Zinci Chloridi..... 1.32
 Alcohol..... 15.00
 Chloroformi.....ad 30.00—M. fiat pigmentum.
- R̄ Cocainæ..... 1.32
 Chloroformi..... 7.50
 Etheris.....ad 30.00—M. fiat pigmentum.
- R̄ Menthol..... 2.00
 Thymol..... 3.50
 Phenol.....ad 15.00—M.
- R̄ Thymol..... 0.30
 Cocainæ..... 0.65
 Acidi Arseniosi..... 4.00—M.
- R̄ Menthol..... 0.13
 Thymol..... 0.20
 Eucalyptol..... 4.00—M. fiat pigmentum.
- R̄ Menthol.....
 Iodi.....aa 0.65
 Chloroformi..... 6.00
 Tincturæ Aconiti....ad 30.00—M. fiat pigmentum.
- R̄ Cresol.....
 Liquoris Formal-
 dehydi.....aa 30.00—M.
- R̄ Thymol..... 0.65
 Eucalyptol.....ad 4.00—M. fiat pigmentum.
- R̄ Menthol..... 1.32
 Chloroformi..... 6.00
 Tincturæ Aconiti....ad 30.00—M. fiat pigmentum.

Formulæ for use
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NUTRIENT ENEMATA.

No. 1.

Fresh Milk. three ounces.

Raw Beef Juice. one ounce.

One Egg.

Pancreatic Solution, one drachm (or an equivalent of pancreatin).

The mixture to be kept at a temperature of 100° F. for one hour. From half to one ounce of brandy may then be added, and the whole be slowly and gently thrown into the rectum at a temperature of 100° F.

No. 2.

Fresh Milk, six ounces.

One Egg.

Mix thoroughly and add ten grains of sodium bicarbonate and a teaspoonful of pancreatic solution. Digest for one hour at a temperature of 100° F., and use as directed for No. 1.

No. 3.

Add to four ounces of lean beef carefully shredded four ounces of beef tea, ten grains of fresh pepsin and one drachm dilute hydrochloric acid.

Digest at a temperature of 100° F. for two hours, stirring frequently; use as directed for No. 1.

Before using nutrient enemata, the rectum should be carefully washed out by means of an injection of normal saline solution. Of the nutriment from six to eight ounces may be given at a temperature of 100° F., and may be repeated, if necessary, at intervals of six hours. If the rectum becomes too irritable to retain it, either the character of the injection may be changed, or from ten to twelve drops of tincture of opium in half an ounce of starch water may be thrown into the bowel about half an hour before the time for using the nutrient.

When the employment of nutrient enemata is continued for several days the rectum should be washed out with

normal saline solution at blood heat, once in every twenty-four hours.

PURGATIVE ENEMATA.

Glycerine Enema.—Four drachms of glycerine diluted with eight or twelve fluid drachms of water.

Enema of Magnesium Sulphate.—Magnesium sulphate, two ounces; glycerine, one ounce; water, four ounces. After solution is effected the mixture should be gently warmed, and given as an enema as high up in the gut as may be deemed advisable.

Quinine Enema.—Quinine bisulphate, 20 grains; water at a temperature 100°—104° F., one pint. To be given warm as an injection as high up in the gut as may be advisable.

Soap-Suds Enema.—Sufficient Castile soap to make a strong suds dissolved in one pint of warm water; to be used at a temperature of 100°—104° F.

Castor Oil Enema.—Soap-suds enema, one pint; castor oil, one ounce.

Turpentine Enema.—Soap-suds one pint; oil of turpentine, one drachm.

Turpentine and Olive Oil Enema.—Soap-suds enema, one pint; olive oil and turpentine, of each one drachm.

Purgative Enemata are best given by means of a fountain or a Davidson syringe. The stream as it enters the gut, should be gentle and its temperature between 100° and 104° F.

A rectal tube, with the patient lying on the left side, may be used when it is deemed desirable for the fluid to pass above the sigmoid flexure.

SOLUTIONS FOR WARD DRESSINGS.

Cleansing Solutions.

- (1) Carbolic acid solution, 1-100 to 1-60 water.
- (2) Formalin solution, 1-300 to 1-500 of water.
- (3) Bichloride of mercury solution, 1-2000 to 1-5000 of water.
- (4) Oxycyanide of Mercury 1-10000.

Fomentations.

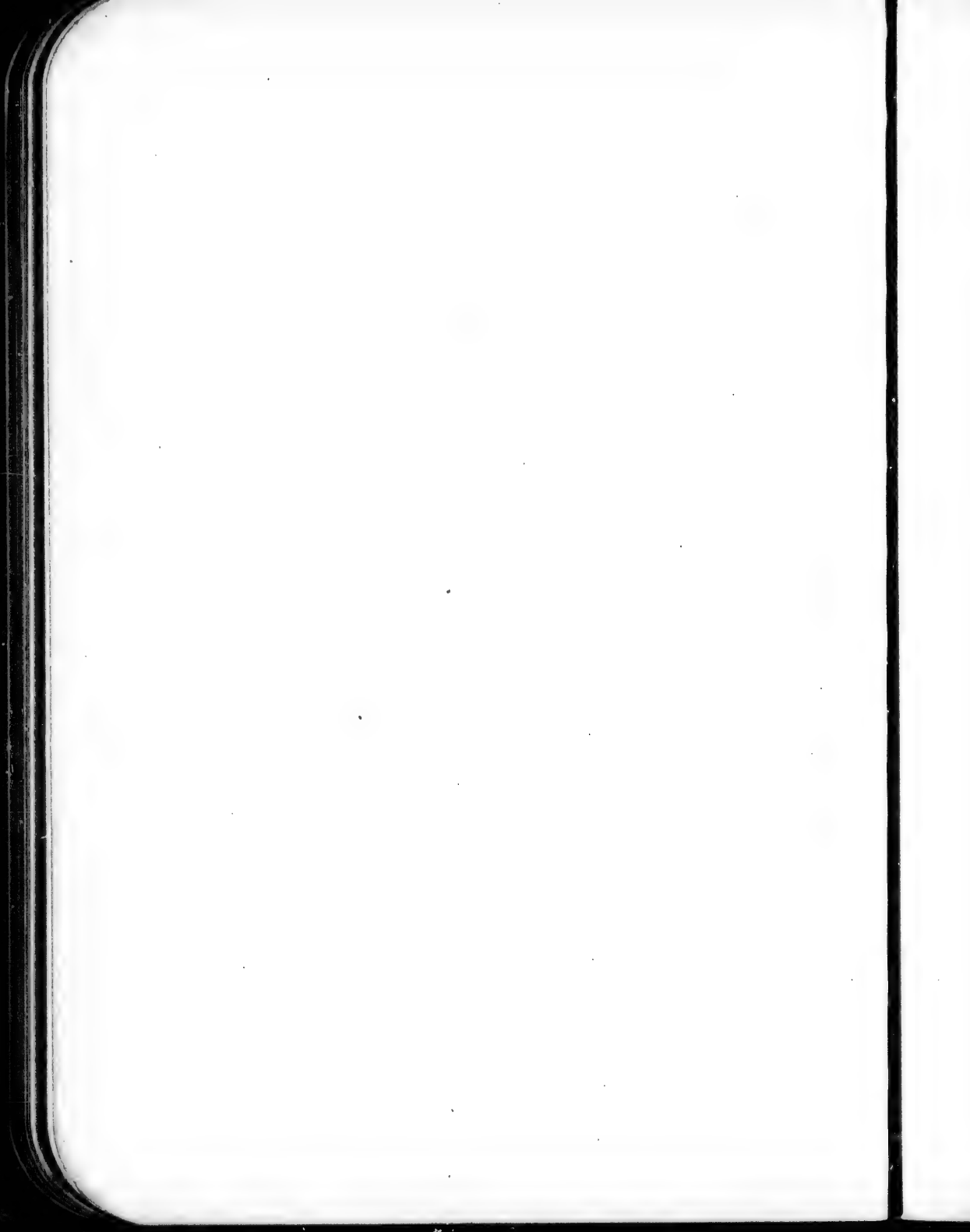
Carbolic acid solution, 1-100 of boiling water.
Lead and opium lotion.

Moist Dressings.

- (1) Carbolic acid solution, 1-100 of water.
- (2) Evaporating lead lotion.
- (3) Lead lotion.
- (4) Calamine lotion.

NORMAL SALINE FOR INTRAVENOUS INJECTION

Sodium chloride.	.90
Potassium chloride.	.03
Calcium chloride.	.02
Water.	100.00



Formulae for use
in the
Surgical Department

INCLUDING

Sterilization of Hands and Instruments

Preparation of Bandages

Preparation of Catgut

Preparation of Surgical Dressings

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PREPARATION OF THE HANDS.

Scrub hands and forearms with brush, hot water and spirits of green soap for five minutes, paying particular attention to the nails.

Swab hands and forearms with alcohol 70% for two minutes. If running water be not used, the water must be changed at least twice.

N.B.—Rings must be previously removed and nails carefully pared. This method may be used in preparing the field of operation with the addition of swabbing the skin with ether before applying the alcohol.

STERILIZATION OF INSTRUMENTS.

Before any operation instruments are boiled in a 1% solution of sodium carbonate for five minutes; they are then transferred to sterile trays, and may either be immersed in a weak solution of lysol or phenol, or kept dry. They should be kept covered by means of sterilized towels till used. After all operations instruments are scrubbed in cold water, boiled in the soda solution five minutes, then scoured with sapolio, rinsed in hot water and carefully dried. Knives and needles are boiled for one minute only, and afterwards placed in carbolic solution 1-20 for fifteen minutes, then rinsed and dried.

HENSNER'S METHOD FOR THE STERILIZATION OF THE PATIENT'S SKIN IN THE REGION OF OPERATION.

The skin is first thoroughly rubbed for two or three minutes with gauze swabs wrung out of the Benzene solution, care being taken not to allow any excess of benzene to run down and remain upon dependent parts where they are in contact with the rubber sheeting under the patient (otherwise a blister may be caused). This is followed by

rubbing with gauze soaked in alcohol (Columbian Spirits is sufficient). The alcohol removes the benzene and at the same time assists in sterilization.

Although there is a certain percentage of iodine in the benzene solution, it is usually thought wise to add to the above a third step, consisting in the painting of the skin with Tr. Iodi as in the Grossich Method.

The composition of the benzene solution is as follows:—

Benzene.....	75 parts
Parraffinium liquidum.	24 “
Tr. Iodi	1 part

The solution should be well shaken before being applied.

GROSSICH'S METHOD OF STERILIZATION OF THE FIELD OF OPERATION.

This consists in the simple application of Tr. Iodi over the field of operation. It is usual to make a second application after the first has become dry. The skin is not previously prepared in any way, and in particular the use of water shortly beforehand is unwise, as this impedes the full action of iodine. Thus, if shaving is necessary, it is well to have it done some time before the operation, or else to shave dry.

The double strength of Tr. Iodi is most frequently the one used. A formula is as follows:—

Iodine.	1 part
Potass. Iodi.	1 “
Alcohol (94%).....	ad 20 parts

STERILIZATION OF CATHETERS.

Rubber catheters are boiled in one per cent. soda solution for five minutes.

Glass catheters are treated in the same manner.

Coudé catheters, olive pointed catheters, ureteral catheters and filiforms may be treated in five different ways:—

1.—Place in the folds of a towel so that they do not touch, and sterilize with dry heat at a temperature of 250° F., for three-quarters of an hour.

2.—Wrap in a towel so that they do not touch, and suspend in a steam sterilizer for three-quarters of an hour.

3.—Boil carefully for five minutes in a 25% solution of ammonium sulphate.

4.—Immerse in carbolic solution 1-20 for five minutes, no longer.

5.—Immerse for one hour in large test tubes containing solution made up as follows:

R̄ Hydrargyri Bichloridi.	1
Glycerini.	500
Aquæ.	ad 1000—M

STERILIZATION OF RUBBER GLOVES.

Wash the gloves with warm soap-suds to which a little ammonia has been added; then boil for five minutes in a one per cent. solution of sodium carbonate; dry them; powder with talcum; place each pair between the folds of a small towel and sterilize for one hour at a temperature of 250° F.

PREPARATION OF GAUZE SPONGES.

Four thicknesses of cheesecloth are cut into pads of assorted sizes from four to eight inches square. The edges of these squares are to be tacked together (a piece of tape ten inches long may be attached to one corner). These pads are then boiled in a one per cent. solution of sodium carbonate for half-an-hour, well rinsed and dried, and counted into packages containing one dozen, in the presence of a witness. Finally, they are sterilized at a temperature of 250° F. for one hour, or boiled again in water for one hour. They are then ready for use.

GAUZE ROLLERS.

These are made of four thicknesses of gauze two yards long, and four or eight inches wide. They are arranged in packages of half a dozen and sterilized as above.

GAUZE SWABS.

Dressing gauze, which can be bought in rolls of about 100 yards in length and 1 yard wide, is cut across in widths of three or four inches; the strip of gauze thus cut is folded lengthwise so as to turn in the frayed edges at one side and then rolled loosely upon the fingers of one hand, each turn over-lapping the previous about two-thirds; finally, the frayed edge at one side is turned in and the whole forms a small ball of gauze. These balls are then to be sterilized by boiling.

GAUZE WIPES.

Fine white absorbent gauze is boiled and dried to remove all dressing; it is then cut and folded in four thicknesses, 14 inches long, 4 inches wide. The length may again be folded in three, rendering it more easy to handle.

ABDOMINAL TOWELS.

Are made of absorbent gauze 18 inches square, placing two in each cover, and sterilized.

STRING PADS.

Are made in two sizes. The larger is cut 24 inches and folded to 6 inches, with edges turned in. The smaller are cut 12 inches and folded to 3, with edges turned in. To the end of each is tied or attached a string or tape 4 inches long. These pads are put up in heavy covers containing six pads and when opened for operation are counted again in presence of witness, also after operation.

iodoform gauze.

1st Method (Schede's).

Fine absorbent gauze cut into lengths one or two yards long, is folded and sterilized for one hour. These are then dipped into and thoroughly impregnated with a solution made as follows:

Iodoform.	100 parts
Alcohol.	650 "
Glycerine.	250 "

They are then squeezed dry and cut into various widths and rolled. Finally they are placed in large test tubes and sterilized for half an-hour.

2nd Method.

Take of a solution of carbolic acid 1-40 six ounces, add enough castile soap to make a good lather. Stir into this ten drachms of iodoform powder.

In this mixture soak three yards of dressing gauze, which should take up all of it. Afterwards cut the gauze into suitable lengths; pack in test tubes plugged with cotton and sterilize for one hour in steam sterilizer. The gauze is then ready for use.

PREPARATION OF VIOFORM GAUZE.

Immerse sterile gauze in solution made as follows:

Vioform.	100 parts
Alcohol.	650 "
Glycerine.	250 "

This mixture is worked through the gauze, which is then squeezed dry, cut and folded, (not rolled, then sterilized in a glass jar placed in the steam sterilizer.

STERILIZATION OF SILK AND LINEN.

Moist Method.

Silk or linen wound on glass reels may be boiled for half an-hour in water, and afterwards stored in alcohol.

STERILIZATION OF SILK AND LINEN.

Dry Method.

Silk wound on glass reels is placed in test tubes, which should be plugged with cotton, and the whole is sterilized in steam sterilizer for three consecutive days, one hour the first day, and for half an-hour the following two days.

PARAFFIN SILK.

Wind braided silk, Nos. 4 or 5 on glass spools using just one layer of thread, boil in bichloride sol. 1-2000, for 20 min. Then after drying the spools, place them in a jar containing paraffin, heat thoroughly in water bath for one hour, remove the spools with forceps to a glass jar, sterilize in steam sterilizer for 2 hrs.

WAXED SILK.

Silk (braided) Nos. 4, 5 is wound on a strong glass spool (15 in. (to a spool), drop the spools into a jar containing beeswax and carbolic acid 5%, heat thoroughly in a water-bath for one hour, then remove from wax with forceps and put into a glass jar which is sterilized in steam sterilizer for 2 hrs.

Before using each suture is to be drawn through a towel the same as a wax end.

PREPARATION OF SILKWORM GUT.

Cut off both ends of the hank, make into rings of a dozen strands; wash with soap and water; then boil for half-an-hour in pure water, and store in alcohol.

PREPARATION OF HORSEHAIR.

Horsehair must be (1) thoroughly soaked, and (2) washed with soap and water, (3) boiled for one hour in pure water, (4) sorted and arranged in rings of a dozen strands, (5) boiled again for one hour in water and (6) stored in alcohol.

PREPARATION OF RUBBER TUBING.

Place different sizes in a deep dish of water. Add sufficient sodium carbonate to make a ten per cent. solution. Let this come to a boil over a slow fire. Then with a stiff brush or cloth rub each piece well, removing all the sulphur and leaving a black surface.

IODOFORM EMULSION.

The iodoform powder should first be sterilized by keeping it in bichloride solution 1-500 for a few hours. This solution should then be poured off and the iodoform rinsed in sterile water, breaking it up, if caked. To one part of this iodoform add nine parts of sterile glycerine.

PREPARATION OF VON MOSETIG-MOORHOF'S BONE FILLING.

Iodoform.	} of each 6 parts
Cetaceum.	
Oil of Sesame	4 parts

Mix thoroughly under moderate heat. The mixture is solid at room temperatures. With moderate heat

in a water bath it becomes syrupy, and is then poured into the clean bone cavity, till the latter is filled. If ice is applied to the surface of the mixture, it will set in a few moments.

WHITEHEAD'S IODOFORM PIGMENT.

Iodoform.	5
Castor Oil.	6
Resin	10
Alcohol.	15

HORSLEY'S WAX.

Beeswax.	82.5
Oil of sweet almonds.	16.5
Salicylic acid.	1.0

A DEODORIZING DRESSING FOR FOUL WOUNDS, FAECAL FISTULAE ETC.

Talc powder	4 parts
Charcoal.	5 "
Potass. Permanganate.	1 part

The powder to be spread out between two thin layers of cotton wool in the form of a dry poultice, which should be large enough to cover amply the ordinary sterile dressing used upon the wound, and the whole to be enclosed in a binder.

AN ADHESIVE AND PROTECTIVE OINTMENT TO BE USED AROUND WOUNDS WHEN EXCORIATION OF THE NEIGHBOURING SKIN IS FEARED.

Pulv. Amyli.	} of each equal parts.
Zinci Oxidi.	
Vaselini.	
Lanolini	

To this may be added any antiseptic that may be desired.

Rinse several times in fresh water, then boil in pure water for 15 minutes.

PREPARATION OF PLASTER BANDAGES.

Either a washed crinoline (book muslin) or fairly fine muslin, previously washed and dried, may be used. This is to be cut into strips of a desired length and width (usually 5 yards long, or less, and from 2 to 6 inches wide) and rolled loosely into bandages. The muslin is then to be drawn through the plaster of Paris lying on a suitable tray, unrolling the bandage slowly, rubbing the plaster evenly and plentifully into the meshes, and re-rolling it on the other side. This re-rolling should not be too tight, but loose enough to permit water to penetrate it quickly and thoroughly. The finished bandage is then to be wrapped in paper and baked for one hour.

STARCH BANDAGES.

The variety of crinoline impregnated with starch and called "cross-bar crinoline" when made into bandages is very useful to replace plaster in cases where only moderate fixation is demanded. The bandages may be made of any desired length and width.

For use, it only needs to be soaked in warm water and applied moist. It becomes firm in about an hour.

PREPARATION OF JUNIPER CATGUT.

The catgut is to be placed in commercial ether and allowed to remain in it for a period of 48 hours. This ether is then replaced with fresh and, after again standing 48 hours, the catgut is transferred to oil of juniper, in which it should remain another 48 hours. It is then transferred to absolute alcohol for the purpose of drying it, and allowed to remain in it 48 hours, and is subsequently

placed for 12 hours in sublimated alcohol 1-100. From this solution the catgut is wound on glass reels (the hands being previously disinfected) and placed in alcohol in glass jars with screw tops. These are to be boiled over a water bath for 30 minutes reckoning from the time the alcohol begins to boil. The gut should be preserved in sublimated alcohol 1-1000.

CHROMICIZED CATGUT.

The usual commercial variety is prepared by the Iodine method.

To chromicize to the desired degree place catgut for 5.10 or 30 hours in the following solution:—

Bichromate of Potash.....	$\frac{1}{8}$	grammes.
Glycerine.....	10	"
Carbolic Acid.....	10	"
Distilled Water.....	480	"

Dissolve the bichromate of potash in the water, then add the glycerine and carbolic acid. Before placing the coils in the solution arrange them upon a central core or cylinder nearly the diameter of the centre of the coil to prevent snarling while in the solution, or wind tightly or smoothly on 1 and $\frac{1}{2}$ inch test tubes. After 5, 10 or 30 hours remove the catgut from the solution and immediately stretch upon a wooden frame, making it pretty taut. Frame to be full or half length of catgut and made like a curtain frame with hooks for stretching; leave on frame or test tube for drying. Dry in a temperature not exceeding 40 to 50 degrees centigrade. The drying process should extend over a space of several days. Cut the catgut when thoroughly dry, into pieces 1 metre in length, roll on the fingers into small coils, pack into small glass jars and cover with *Absolute Alcohol*. With washer and screw top make the jar fluid tight, put into larger jar containing from 2 to 4 ounces of *Absolute Alcohol*, screw down top air and fluid tight and sterilize in Arnold Sterilizer for 5 hours or in Autoclave for 1 hour at

15 lbs. pressure of steam. Remove cover of sterilizer and allow contents to cool gradually. By readjusting washer and filling jar with absolute alcohol to replace that lost in the process, the catgut is ready for use.

CHROMIC IODINE CATGUT.

Wind catgut on a spool, immerse in a 1-2000 aqueous solution of Chromic acid, for 24 hours. Pour off the solution and cover the catgut with Iodine 1% for 8 days. Store in sublimated alcohol, 1-500.

PREPARATION OF CATGUT 5% IODINE.

Wind catgut on spools in single layer, and secure firmly, immerse Nos. 2, 3, 4, 5, and 6 for a period of 5 days, in a solution of Iodine 5% (alcoholic). Pour off the solution and keep dry or in alcohol.

IODINE ONE HALF %.

Catgut Nos. 00, 1 are wound on glass spools immersed in Iodine $\frac{1}{2}$ % for 8 days then stored dry.

DIETARY FOR INFANTS.

Let one quart of fresh milk stand four hours in a tall vessel with straight sides. Remove from the top by means of a dipper ten ounces, to this add one ounce lime water, one and a half ounces sugar of milk, and sufficient water to make a total of thirty ounces.

Keep on ice and feed from three to four ounces, according to the size of the child, every three hours. If this agree with the infant, the amount of milk taken off may be gradually increased by about one ounce every week, the other ingredients remaining the same. The quantity given at a time may also be slowly increased.

FOR INFANTS OF SIX MONTHS.

Let one quart of fresh milk stand as above for four hours and remove by means of the dipper, twenty ounces from the top of bottle, to which add one ounce of lime water, two ounces of sugar of milk, and sufficient barley water to make forty-five ounces.

Feed baby six and one-half ounces every three hours. The amount of milk in this may be gradually increased by about one ounce every week, the other ingredients remaining the same. In case of fever these foods may require further dilution with water or may be given in smaller amounts.

In case of vomiting, lessen the creamy element by using simply fresh milk before the cream has risen, or even skim milk in the above formula.

For infants twelve months of age.—Five feedings should be given during the twenty-four hours. For two or three of the feedings the following may be given:

Fresh milk. 8 ounces.

Barley gruel. 2 “

Cane sugar. a small teaspoonful, for one feeding.

After these feedings a crust of bread or an arrowroot biscuit may be given to the infant to nibble.

One or two feedings in the day may consist of a porridge made from well boiled oatmeal or prepared wheat with about an equal quantity of milk, and a spoonful of white sugar. The mid-day feeding should consist of a good soup, broth or beef tea thicken with rice, barley, or bread crumbs. A few weeks later the broth may be further strengthened by the addition of the yolk of an egg beaten into it.

For infants eighteen months to two years of age.—The number of feedings should be limited to four in the twenty-four hours. In the early meal a porridge may be given with fresh milk and a little sugar. Afterwards a piece

of bread and butter, half a boiled egg, or a little bacon fat, and a small cupful of milk. In the mid-day meal a small cupful of soup, finely minced or shredded meat with mashed potato, and afterwards a light cereal pudding may be given; water or milk and water may be allowed for a drink.

For the evening meal at 5 p.m. Bread and butter or rice in any form and occasionally a little stewed fruit. Milk in any form or cocoa made with milk may be given as a drink.

For infants under two years an additional cupful of milk, or milk and barley water may be given about ten p.m. Children over two years of age, when in health, do as a rule best on only three meals in the day. Water only may be allowed between meal hours.

The following articles of food should be absolutely forbidden to children under two years of age:—Raw fruit, except carefully prepared, candies, boiled suet puddings, all rich puddings and cakes, or cakes containing currants or raisins and almost all vegetables except potato.

The following articles of dietary should be forbidden to children under five years of age:—Ham, sausage, pork in all forms, corned beef, goose, duck, game, kidney, liver, rich meat, stews and meat dressings; all fried dishes as a rule, all raw vegetables, such as cucumbers, radishes, &c., green corn; all hot bread, fried cakes, fruit cakes and pastries; nuts, fried fruits, fruits with skins, and fruits out of season. Much caution must be used with fruit of all kinds to ensure thorough mastication.

SPECIAL FORMULAE FOR DELICATE INFANTS WITH IMPAIRED DIGESTION

No. 1.

Cream, 20%	2 ounces.
Whey.	9 "
Lactose.	5 drachms.
Water to make.....	20 ounces.

This affords a food with the following formula:

Fat. 2. Sugar 5.50. Caseinogen .30. Lactalbumin .40

No. 2.

Cream, 20%	2 ounces.
Whey.	12 "
Lactose.	5 drachms.
Water to make.	20 ounces.

This affords a food with the formula:

Fat 2. Sugar 6. Caseinogen .40. Lactalbumin .50.

No. 3.

Cream, 20%	3 ounces.
Whey.	12 "
Lactose.	5 drachms.
Water to make.	20 ounces.

This affords a food with a formula of Fat 3. Sugar 6.50.
Caseinogen .60. Lactalbumin .50.

In some cases, only half the amount of cream in the above formulae can be borne.

50.

6.50.

the

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